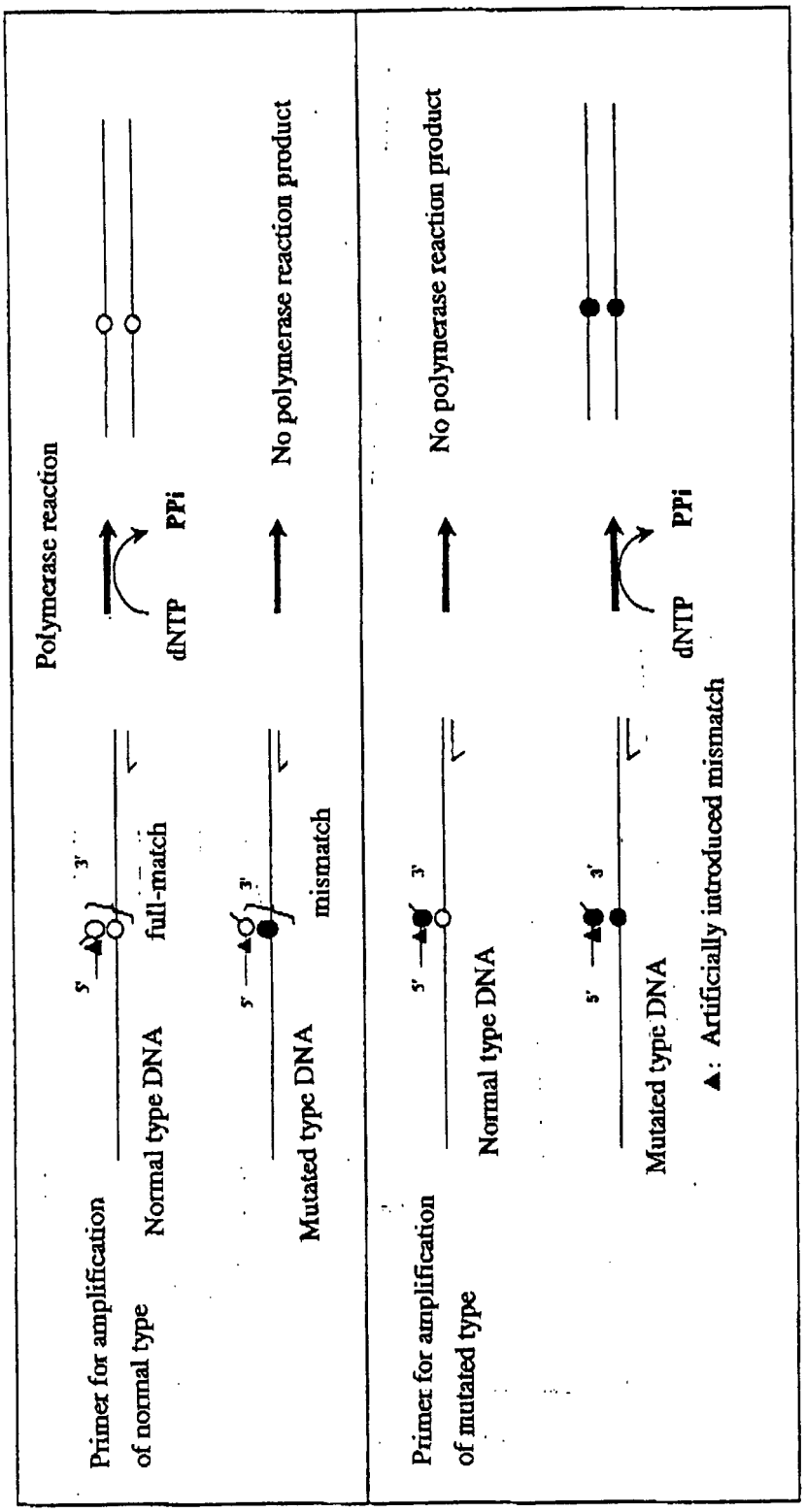
Fig.1


Polymerase reaction
Primer for amplification of normal type
5'
3'
Normal type DNA
full-match
dNTP
PPi
5'
3'
Mutated type DNA
mismatch
No polymerase reaction product
Primer for amplification of mutated type
5'
3'
Normal type DNA
No polymerase reaction product
5'
3'
Mutated type DNA
dNTP
PPi
▲: Artificially introduced mismatch